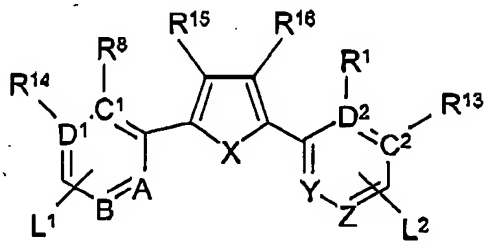
Serial No.: 10/721,525

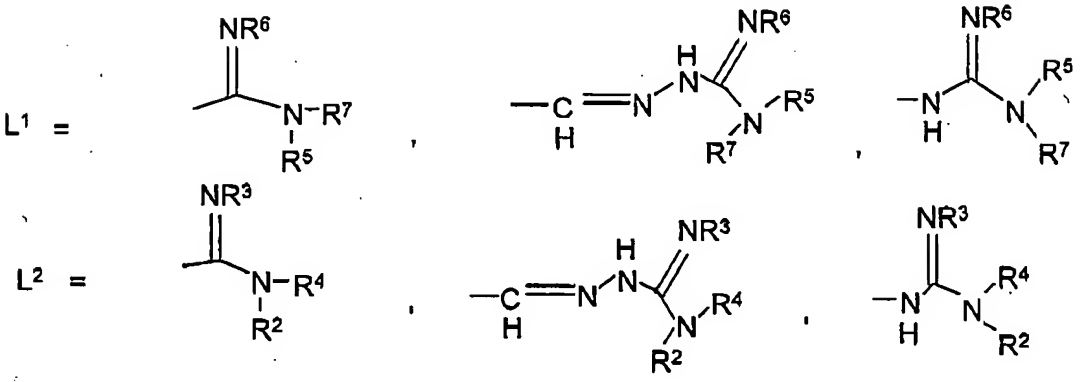
IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A compound of Formula (I):



[[(1)]](I)



wherein:

X is selected from the group consisting of O, S, and NR^{17}, where R^{17} is hydrogen or lower alkyl;

~~C^1, C^2,~~ A[[,]] and Y are CH, N, NR^{17}, O, or S;

C^1 and C^2 are each C or N, wherein C^1 and C^2 are the same or different;

D^1[[,]] and D^2~~, B, and Z are CH, N, or NR^{17}~~ are each C or N, wherein D^1 and D^2 are the same or different;

B and Z are CH, N, or NR^{17}, provided that B, Z, or both B and Z are not present when A, Y, or both A and Y are O, S, or NR^{17};

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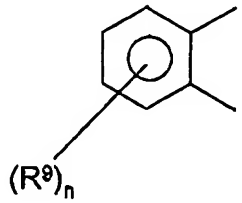
R^{13}, R^{14}, ~~R^{15}, R^{16}~~, R^1 and R^8 can be present or absent, and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

R^{15} and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

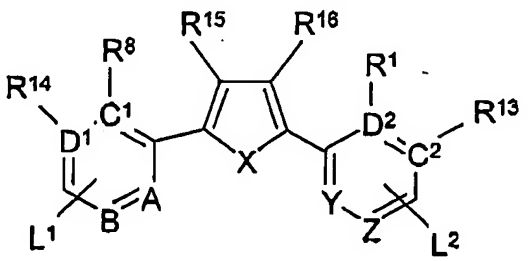
R^3 and R^6 are each independently selected from the group consisting of H, hydroxy, lower alkyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, acetoxy, and alkylaminoalkyl; and R^2, R^4, R^5 and R^7 are each independently selected from the group consisting of H, lower alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl, or R^2 and R^4 together or R^5 and R^7 together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene, or R^3 and R^4 together or R^6 and R^7 together are:



wherein n is a number from 1 to 3, and R^9 is H or $-CONHR^{10}NR^{11}R^{12}$, wherein R^{10} is lower alkyl and R^{11} and R^{12} are each independently selected from the group consisting of H and lower alkyl; and

wherein at least one of A, B, Y, and Z are selected from the group consisting of N, NR^{17}, O, and S.

2. (Currently amended) A compound of Formula (I):



[[(1)]](I)

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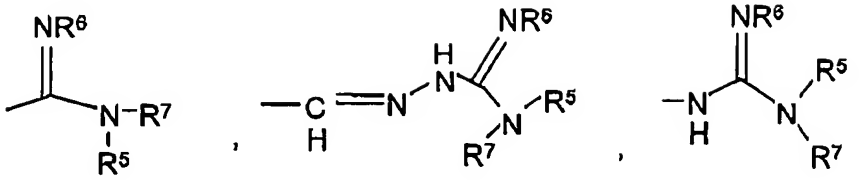
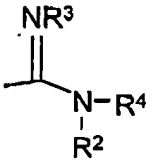
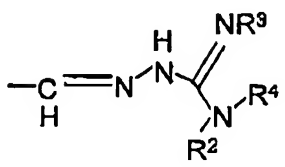
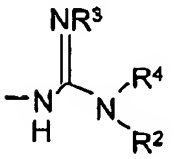
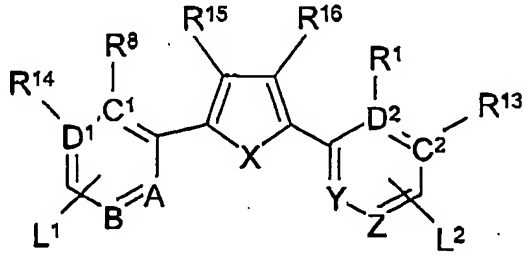
L^1 =  , ,

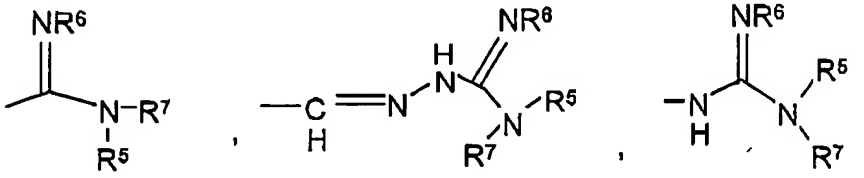
L^2 =  ,  , 

wherein A and B are different and N or CH; Y and Z are CH; X is O or S; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1 and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N.

3. (Currently amended) A compound of Formula (I):



[[(1)]](I)

L^1 = 

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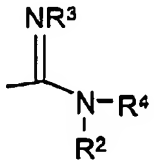
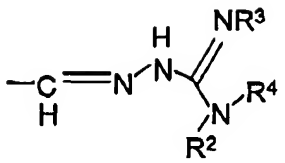
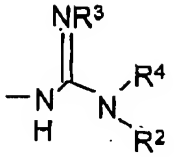
L^2 =  ,  , 

wherein A and B are CH; X is O; Y is O; Z is not present; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1 and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N.

4. (Original) The compound of claim 1, further comprising a pharmaceutically acceptable carrier.

5. (Currently amended) A method of treating a microbial infection in a subject in need thereof, the method comprising administering to the subject an effective amount of a compound of Formula (I):

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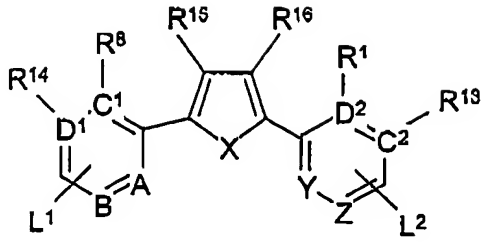
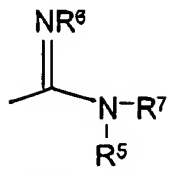
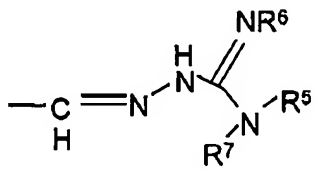
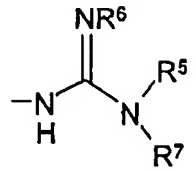
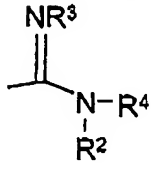
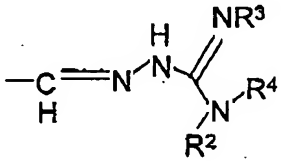
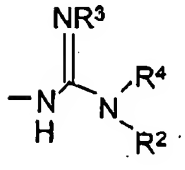


[[(1)]](I)

L^1 =  ,  , 

L^2 =  ,  , 

wherein:

X is selected from the group consisting of O, S, and NR^{17}, where R^{17} is hydrogen or lower alkyl;

~~C^1, C^2,~~ A[[,]] and Y are CH, N, NR^{17}, O, or S;

C^1 and C^2 are each C or N, wherein C^1 and C^2 are the same or different;

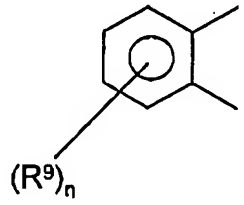
D^1[[,]] and D^2~~, B, and Z are CH, N, or NR^{17}~~ are each C or N, wherein D^1 and D^2 are the same or different;

B and Z are CH, N, or NR^{17}, provided that B, Z, or both B and Z are not present when A, Y, or both A and Y are O, S, or NR^{17};

R^{13}, R^{14}~~, R^{15}, R^{16}~~, R^1 and R^8 can be present or absent, and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

R^{15} and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

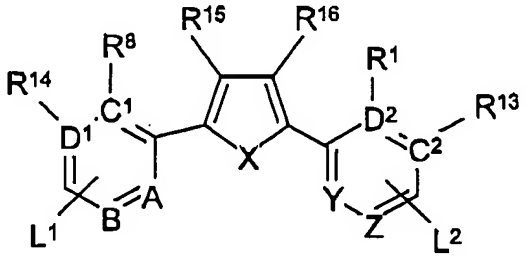
R^3 and R^6 are each independently selected from the group consisting of H, hydroxy, lower alkyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, acetoxy, and alkylaminoalkyl; and R^2, R^4, R^5 and R^7 are each independently selected from the group consisting of H, lower alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl, or R^2 and R^4 together or R^5 and R^7 together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene, or R^3 and R^4 together or R^6 and R^7 together are:



wherein n is a number from 1 to 3, and R^9 is H or $-CONHR^{10}NR^{11}R^{12}$, wherein R^{10} is lower alkyl and R^{11} and R^{12} are each independently selected from the group consisting of H and lower alkyl; and

wherein at least one of A, B, Y, and Z are selected from the group consisting of N, NR^{17}, O, and S.

6. (Currently amended) A method of treating a microbial infection in a subject in need thereof, the method comprising administering to the subject an effective amount of a compound of Formula (I):



[[(1)]](I)

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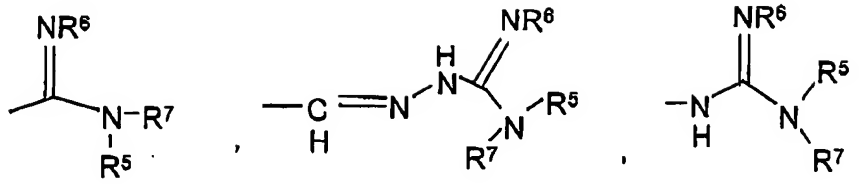
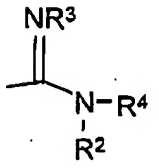
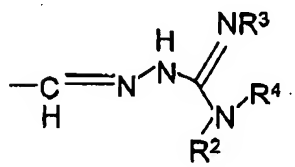
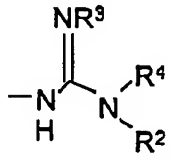
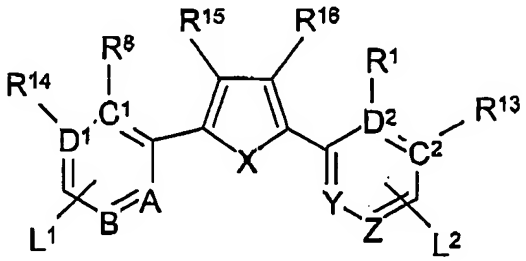
L^1 =  , ,

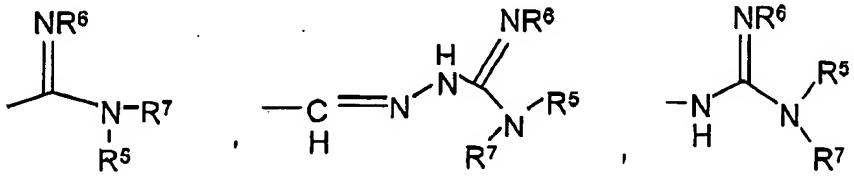
L^2 =  ,  , 

wherein A and B are different and N or CH; Y and Z are CH; X is O or S; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1 and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N.

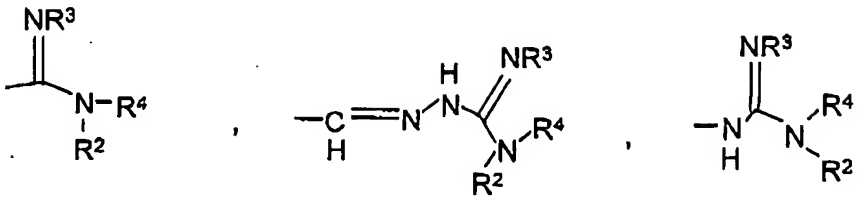
7. (Currently amended) A method of treating a microbial infection in a subject in need thereof, the method comprising administering to the subject an effective amount of a compound of Formula (I):



[[(1)]](I)

L^1 = 

Serial No.: 10/721,525

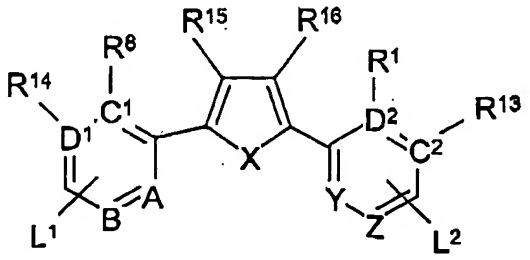
L^2 = 

wherein A and B are CH; X is O; Y is O; Z is not present; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1 and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N.

8. (Original) The method of claim 5, wherein the microbial infection is a *Trypanosoma brucei rhodesiense* infection or a *Plasmodium falciparum* infection.

9. (Currently amended) A pharmaceutical formulation comprising:

(a) a compound of Formula (I):



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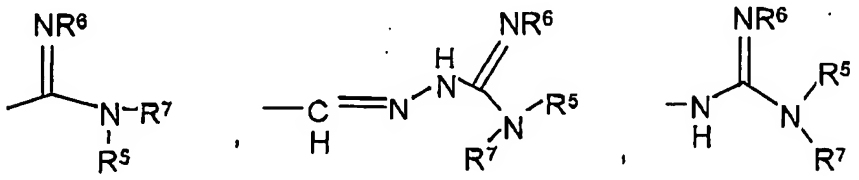
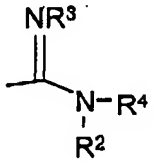
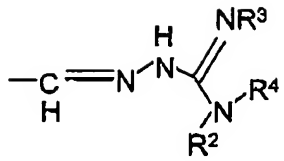
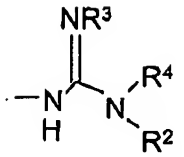
L^1 = 

Serial No.: 10/721,525

L^2 =  ,  , 

wherein:

X is selected from the group consisting of O, S, and NR^{17}, where R^{17} is hydrogen or lower alkyl;

~~C^1, C^2,~~ A[[,]] and Y are CH, N, NR^{17}, O, or S;

C^1 and C^2 are each C or N, wherein C^1 and C^2 are the same or different;

D^1[[,]] and D^2~~, B, and Z are CH, N, or NR^{17}~~ are each C or N, wherein D^1 and D^2 are the same or different;

B and Z are CH, N, or NR^{17}, provided that B, Z, or both B and Z are not present when A, Y, or both A and Y are O, S, or NR^{17};

R^{13}, R^{14}~~, R^{15}, R^{16}~~, R^1 and R^8 can be present or absent, and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

R^{15} and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxyl, aryloxyl, aralkoxy and hydroxyl;

R^3 and R^6 are each independently selected from the group consisting of H, hydroxy, lower alkyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, acetoxy, and alkylaminoalkyl; and R^2, R^4, R^5 and R^7 are each independently selected from the group consisting of H, lower alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl, or R^2 and R^4 together or R^5 and R^7 together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene, or R^3 and R^4 together or R^6 and R^7 together are:

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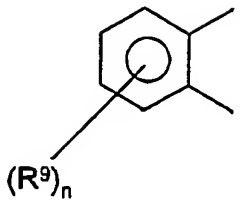


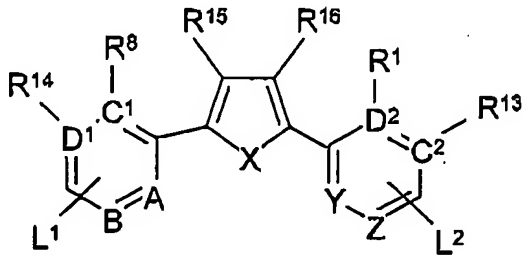
wherein n is a number from 1 to 3, and R^9 is H or $-CONHR^{10}NR^{11}R^{12}$, wherein R^{10} is lower alkyl and R^{11} and R^{12} are each independently selected from the group consisting of H and lower alkyl; and

wherein at least one of A, B, Y, and Z are selected from the group consisting of N, NR^{17}, O, and S; and

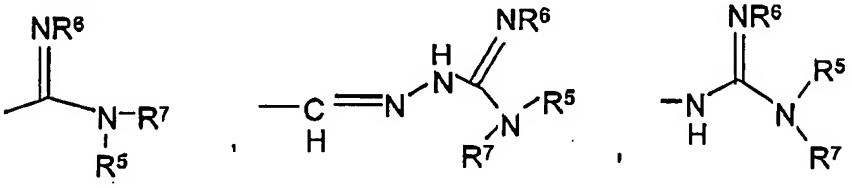
(b) a pharmaceutically acceptable carrier.

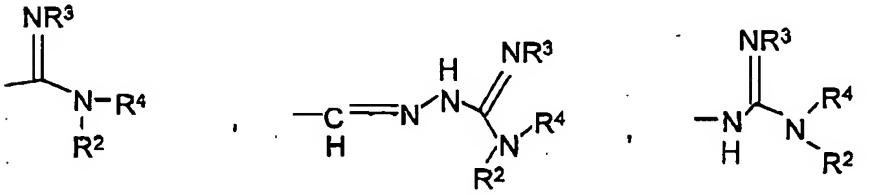
10. (Currently amended) A pharmaceutical formulation comprising:

(a) a compound of Formula (I):



[[(1)]](I)

L^1 = 

L^2 = 

wherein A and B are different and N or CH; Y and Z are CH; X is O or S; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1

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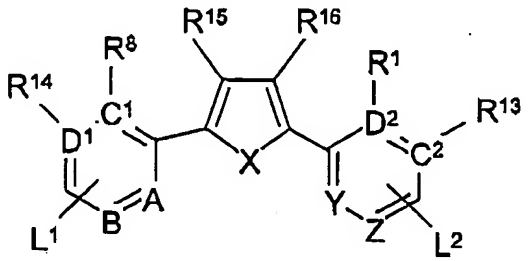
and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N; and

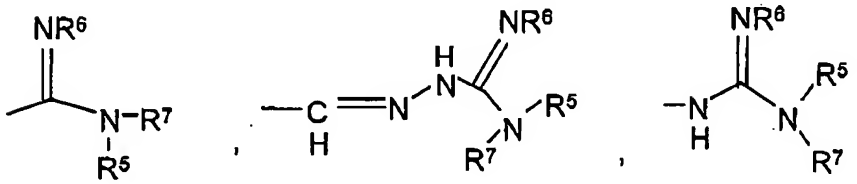
(b) a pharmaceutically acceptable carrier.

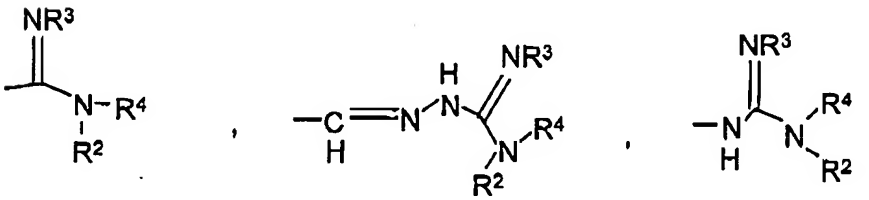
11. (Currently amended) A pharmaceutical formulation comprising:

(a) a compound of Formula (I):



[[(1)]](I)

L^1 = 

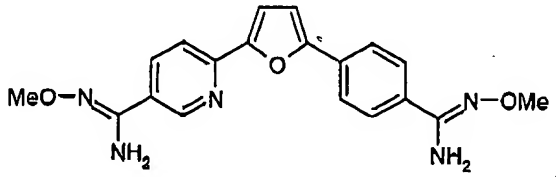
L^2 = 

wherein A and B are CH; X is O; Y is O; Z is not present; R^2, R^4, R^5, and R^7 are each H; [[R^1,]] R^3[[,]] and R^6 ~~and R^8~~ are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^1 and R^8 can be present or absent and when present are selected from the group consisting of H, OH, methyl, methoxy, and acetoxy; R^{13}[[,]] and R^{14} can be present or absent and when present are selected from the group

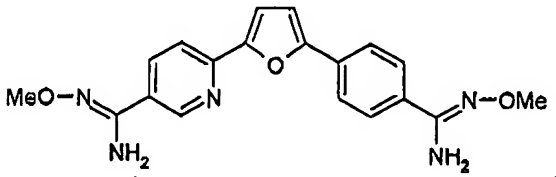
consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl;[[,]] R^{15}[[,]] and R^{16} are selected from the group consisting of H, lower alkyl, halogen, alkoxy, aryloxyl, aralkoxy and hydroxyl; and C^1, C^2, D^1, and D^2 are each C[[H]] or N; and

(b) a pharmaceutically acceptable carrier.

12. (Previously presented) The compound of claim 2, wherein A is N; B is CH; X is O; R_1 and R_8 are H; R_3 and R_6 are methoxy; and the compound has the structure:



13. (Previously presented) The method of claim 6, wherein A is N; B is CH; X is O; R_1 and R_8 are H; R_3 and R_6 are methoxy; and the compound has the structure:



14. (Previously presented) The method of claim 13, wherein the microbial infection is a *Trypanosoma brucei rhodesiense* infection or a *Plasmodium falciparum* infection.

15. (Previously presented) The pharmaceutical formulation of claim 10, wherein A is N; B is CH; X is O; R_1 and R_8 are H; R_3 and R_6 are methoxy; and the compound has the structure:

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